

Patent claims

(Original)

1. A use of a glass ceramic containing from 0 to less than 4 % by weight of P_2O_5 and/or from 0 to less than 8 % by weight of CaO as a part of a lamp screening off UV light.

(Original)

2. The use according to claim 1, wherein the lamp is selected from a temperature radiator, a high pressure or low pressure discharge lamp.

(currently amended)

claim 1

3. The use according to ~~one of claims 1 or 2~~, wherein the glass ceramic is present in the form of a tube.

(currently amended)

claim 1

4. The use according to ~~one or more of claims 1 to 3~~, wherein the glass ceramic is used in the form of a minimized tube for background lighting in flat screens.

(currently amended)

claim 1

5. The use according to ~~one or more of claims 1 to 4~~, wherein the glass ceramic is a lamp vessel and facilitates a hermetically proof crossing from the glass ceramic to an electrical passage.

(currently amended)

claim 1

6. The use according to ~~one or more of claims 1 to 5~~, wherein the glass ceramic withstands a lamp operation temperature of higher than 800°C.

(currently amended)

claim 1

7. The use according to ~~one or more of claims 1 to 6~~, wherein the glass ceramic at a layer thickness of 0.3 mm has a UV blockage at wave lengths of smaller than or equal to 265 nm.

(currently amended)

claim 1

8. The use according to ~~one or more of claims 1 to 7~~, wherein the glass ceramic at a layer thickness of 0.3 mm has a transmission in the visible wave length range of higher than 75 %.

(currently amended)

claim 1

9. The use according to ~~one or more of claims 1 to 8~~, wherein the glass ceramic is solarisation stable.

(currently amended)

claim 1

10. The use according to ~~one or more of claims 1 to 9~~, wherein the expansion coefficient of the glass ceramic is less than $6 \times 10^{-6}/^{\circ}\text{K}$.

(currently amended)

claim 1

11. The use according to ~~one or more of claims 1 to 10~~, wherein the glass ceramic is especially used as outside bulb of a high pressure metal halide lamp with aluminium oxide ceramic or silica glass burner.